

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-214748

(43)Date of publication of application : 15.08.1995

(51)Int.Cl. B41F 15/08
B41F 15/20
// H05K 3/12
H05K 3/34

(21)Application number : 06-013480

(71)Applicant : MATSUSHITA ELECTRIC IND
CO LTD

(22)Date of filing : 07.02.1994

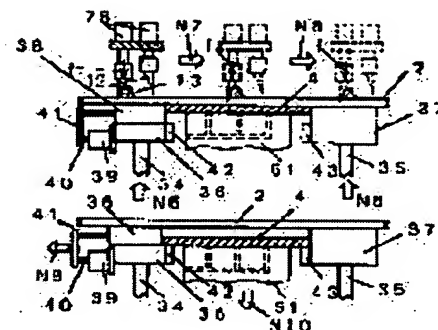
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(54) SCREEN PRINTING APPARATUS

(57)Abstract:

PURPOSE: To quietly peel a mask plate from a printed circuit board and enhance the removal properties of a plate by providing a block attracting the rear surface of the printed circuit board, the lower receiving part of the rear surface of the mask plate and the control part of an attraction block lift means and a contact means.

CONSTITUTION: When the coating of cream solder 13 is completed, a CPU drives a slide cylinder 39 to allow a rod 40 to protrude in the direction shown by an arrow N9 and the clamping of a printed circuit board 4 by a clumper 38 is released. The CPU drives a Z motor while controls the acceleration thereof to gradually increase the speed of the attraction block 51 attracting the printed circuit board 4 from zero speed to allow the block 51 to fall and performs the separation of the mask plate 2 and the printed circuit board 4. At this time, the printed circuit board 4 is held to a horizontal posture because attracted by the attraction block 51.



LEGAL STATUS

[Date of request for examination] 13.11.1998

[Date of sending the examiner's decision of